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PATENT
Docket No. 150.00800102

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Brian A. Vaarstra) Group Art Unit: 1756
Serial No.: 09/651,702) Examiner: N. Barreca
Filed: August 30, 2000)
For: SUPERCRITICAL COMPOSITIONS FOR REMOVAL OF ORGANIC
MATERIAL AND METHODS OF USING SAME

AMENDMENT AND RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

The Office Action mailed February 27, 2002 has been received and reviewed.
Applicants provide detailed comments to the Office Action in the remarks section, below.

In the Drawings

Please amend Figure 3 as indicated in the red ink mark-ups enclosed herewith.

In the Specification

Please replace the paragraph beginning at page 14, line 21, with the following rewritten paragraph. Per 37 C.F.R. §1.121, this paragraph is also shown in Appendix A with notations to indicate the changes made.

As illustrated in Figure 2, the components can be pre-mixed in mixing manifold 122. The components can also be heated in the mixing manifold 122 by including heating coils or vanes in walls of manifold 122 to increase heat transfer to the components before passing through an optional circulation heater 124, such as a circulation heater supplied by Watlow Co. of Saint Louis, Missouri. The organic residue removal composition then enters the pressure vessel 114 through a dispensing device 126, such as a shower-head, with at least one of the components in the supercritical state. The circulation heater 124 is preferably used to increase

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